

ABSTRACT OF THE DISCLOSURE

An implantable constriction device (2) for constricting penile blood vessels of a patient for treating impotence comprises an elongate composite structure (84) adapted to constrict the exit penile veins or corpus cavernosa of the patient to restrict the penile venous blood flow. The elongate composite structure is composed of a base material (12), such as hard silicone, making the composite structure self-supporting. Property improving means (14) is provided for improving at least one physical property of the composite structure other than self-supporting properties, such as fatigue resistance, liquid impermeability, aggressive body cells resistance, anti-friction properties and lifetime.